2446051-1 ✔ ACTIVE

HIGH-DENSITY BNC

TE Internal #: 2446051-1

High Density BNC Connector, Plug, 75 ohm, RG 735A Compatible With RF Cable Type, Bayonet, 12 GHz, Cable-to-Cable, 1 Position, HIGH-DENSITY BNC

View on TE.com >

Connectors > RF Connectors > Coax Connectors







RF Interface: **High Density BNC**

RF Connector Style: **Plug**

Impedance: **75 Ω**

Compatible With RF Cable Type: **RG 735A**

RF Connector Coupling Mechanism: **Bayonet**

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	High Density BNC
RF Connector Style	Plug
Compatible With RF Cable Type	RG 735A
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	75 Ω

Body Features

Body Material	Brass

Body Material Finish	Plated
Body Plating Material	Nickel

Contact Features

RF Connector Center Contact Plating Thickness	.076 µm[3 µin]
RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Phosphor Bronze

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

RF Connector Coupling Mechanism	Bayonet
Connector Mounting Type	Cable Mount (Free-Hanging)
RF Contact Captivation Method	Mechanical
Detent	Without

Housing Features

Body Orientation	Straight

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Operating Frequency Range	12 GHz

Packaging Features

Packaging Method	Bag & Box

Other

Dielectric Material	Polytetrafluoroethylene (PTFE)

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.6% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2472517-8
HIGH D BNC F TO M,75OHM,12GHZ, 750MM



TE Part # 2472517-5
HIGH D BNC F TO M,75OHM,12GHZ, 457MM



TE Part # 2472517-9
HIGH D BNC F TO M,75OHM,12GHZ, 914MM



TE Part # 2472517-6
HIGH D BNC F TO M,75OHM,12GHZ, 500MM



TE Part # 1-2472517-3
HIGH D BNC F TO M,75OHM,12GHZ, 2000MM



TE Part # 2446194-1
HIGH D BNC JK,BKD,1855A,4855R, IP67,12G



TE Part # 2446193-1
HIGH DENSITY BNC JK,BKD,1855A, 4855R,12G



TE Part # 2446153-1
HIGH DENSITY BNC JK,BKD,PCB MOUNT,12GHZ

TE Part # 2446155-2
2446155-1 WITH 10U INCHES AU VERSION



TE Part # 2472517-7
HIGH D BNC F TO M,75OHM,12GHZ, 610MM



TE Part # 2472517-4
HIGH D BNC F TO M,75OHM,12GHZ, 305MM



TE Part # 1-2472517-2
HIGH D BNC F TO M,75OHM,12GHZ, 1219MM

TE Part # 2446154-3
2446154-1 WITH 30U INCHES AU VERSION

TE Part # 2446154-2
2446154-1 WITH 10U INCHES AU VERSION



TE Part # 2472517-1
HIGH D BNC F TO M,75OHM,12GHZ, 152MM

TE Part # 2446156-3
2446156-1 WITH 30U INCHES AU VERSION

TE Part # 2446155-3
2446155-1 WITH 30U INCHES AU VERSION

TE Part # 2446156-2
2446156-1 WITH 10U INCHES AU VERSION



TE Part # 1-2472517-1
HIGH D BNC F TO M,75OHM,12GHZ, 1M



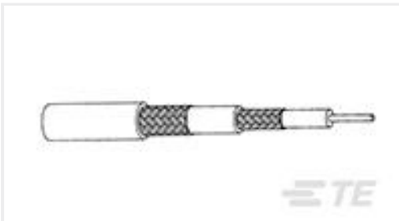
TE Part # 2472517-2
HIGH D BNC F TO M,75OHM,12GHZ, 203MM

Also in the Series | HIGH-DENSITY BNC



High Density BNC RF Connectors(10)

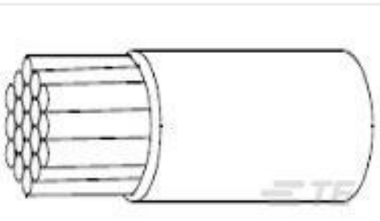
Customers Also Bought



TE Part #430079-000
7528A5314-0



TE Part #1SNK706020R0000
ZK4-BL



TE Part #D367403001
55/9960-26-0(LAT3)



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



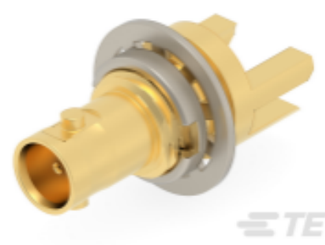
TE Part #1676308-2
RN 0805 340R 0.1% 10PPM 1KRL



TE Part #2446052-1
HDBNC PLUG,75OHM,CRIMP, 1855A CABLE,12G



TE Part #2446154-1
HIGH DENSITY BNC RA JK,BKD,PCB, 12GHZ



TE Part #2446156-1
HIGH DENSITY BNC JK,BKD,END LAUNCH,12GHZ

Documents

Product Drawings

HDBNC PLUG,75OHM,CRIMP, 735A CABLE,12GHZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2446051-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2446051-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2446051-1_A.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

HIGH-DENSITY-BNC-CONNECTORS

English

HIGH-DENSITY-BNC-CONNECTORS

Japanese

Product Specifications

Engineering Specification

English